

4(Twice-amended). The cell line of claim 21, which bears accession No. FERM 11-1001.

5(Twice-amended). A method for screening for a cell differentiation-controlling material, comprising:

contacting a compound or a mixture of compounds with the cell line of claim 1 to screen for a cell differentiation-controlling material; and

determining the capability of the compound or the mixture of compounds to induce differentiation of the cell line.

8(Twice-amended). A kit for screening for a cell differentiation-controlling material, comprising the cell line of claim 1 and a reagent for detecting changes of properties of the cell line which may be caused by the action of a candidate cell differentiation-controlling material to be screened.

15(Once-amended). A method for screening for a cell differentiation-controlling material, comprising:

contacting a compound or a mixture of compounds with the cell line of claim 14 to screen for a cell differentiation-controlling material; and

determining the capability of the compound or the mixture of compounds to induce differentiation of the cell line.

18(Once-amended). A kit for screening for a cell differentiation-controlling material, comprising the cell line of claim 4 and a reagent for detecting changes of properties of the cell line which may be caused by the action of a candidate cell differentiation-controlling material to be screened.

✓ Please cancel claims 10-13 and 19-20 without prejudice and add new claims 21 and 22 in place thereof as follows:

--21(New). The cell line of claim 1, which is derived from cells of the crural bones.--

--22(New). The cell line of claim 1, selected from the group consisting of cell lines from femoral bones, cranial bones, trachaea, auricles, nose, intervertebral disks, and heart.--